

FORM PTO-1390

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER  
NIH-0377TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371U.S. APPLICATION NO. (if known see 37 C.F.R. 1.5)  
10/030,951INTERNATIONAL APPLICATION NO.  
PCT/US00/17755INTERNATIONAL FILING DATE  
24 June 2000 (24.06.00)PRIORITY DATE CLAIMED  
09 July 1999 (09.07.99)

TITLE OF INVENTION: PRODUCTION OF ATTENUATED HUMAN-BOVINE CHIMERIC RESPIRATORY SYNCYTIAL VIRUS VACCINES

APPLICANT(S) FOR DO/EO/US: BUCHHOLZ, Ursula; COLLINS, Peter L.; MURPHY, Brian R.; WHITEHEAD, Stephen S.; KREML, Christine D.

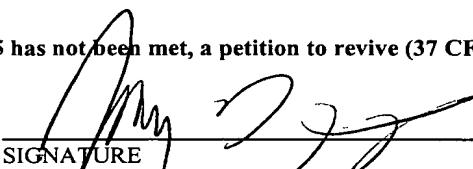
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.  A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US)
6.  A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) 35 U.S.C. 371(c)(4). **(executed Declaration & Power of Attorney-5 sheets)**
10.  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11. to 16. below concern other document(s) or information included:

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.  
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14.  A substitute specification.
15.  A change of power of attorney and/or address letter.
16.  Other items or information:
  - **copy Notification of Missing Requirements mailed 4/01/2002 (2 sheets)**
  - **Petition for Extension of Time - one month (in duplicate) and authorization to charge deposit account for extension fee (\$110) (4 sheets)**
  - **Transmittal Letter Submitting Sequence Listing (1 sheet)**
  - **Sequence Listing in written form (5 sheets) and computer readable format (1 diskette)**
  - **Statement to Support Filing and Submission (2 sheets)**
  - **Associate Power of Attorney (2 sheets)**
  - **authorization to charge deposit account for \$130 surcharge**
  - **return post card**

EXPRESS MAIL Mailing Label No. EL695383065US  
Date of Deposit: JULY 1, 2002

U.S. APPLICATION NO. (if known 37 C.F.R. 1.5) <b>10/030,951</b>	INTERNATIONAL APPLICATION NO. <b>PCT/US00/17755</b>	ATTORNEY DOCKET NUMBER <b>NIH-0377</b>		
<p>17. <u>The following fees are submitted:</u></p> <p><b>Basic National Fee (37 CFR 1.492(a)(1) - (5)):</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1,040.00</p> <p>International preliminary examination fee (37 CFR 1.482 not paid to USPTO but International Search Report has been prepared by the EPO or JPO).....\$890.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$740.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$710.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00</p>		<u>CALCULATIONS</u> <u>PTO USE ONLY</u>		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$		
Surcharge of \$130.00 for furnishing the oath or declaration later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(e)).		\$130.00		
Claims	Number Filed	Number Extra	Rate	
Total claims	- 20 =		X \$18.00	\$
Independent Claims	- 3 =		x \$84.00	\$
Multiple dependent claims(s) (if applicable)			+ \$280.00	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$		
<u>— Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.</u>		\$		
<b>SUBTOTAL =</b>		\$		
Processing fee of \$130.00 for furnishing the English translation later the <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(f)).		\$		
<b>TOTAL NATIONAL FEE =</b>		\$		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$		
<b>TOTAL FEES ENCLOSED =</b>		<b>\$130.00</b>		
0708/2002 LLHNDGRH 00000031 233050 10030951		<b>Amount to be: refunded</b> <b>\$</b>  <b>charged</b> <b>\$</b>		
0 FC:154      130.00 CH				
<p>a. <u>A check in the amount of \$</u> <u>130.00</u> to cover the above fee is enclosed.</p> <p>b. <u>X</u> Please charge my Deposit Account No. 23-3050 in the amount of <u>\$130.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <u>X</u> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3050. A duplicate copy of this sheet is enclosed.</p>				
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>				
SEND ALL CORRESPONDENCE TO:				
<p>Jeffrey J. King, Esq. Woodcock Washburn LLP One Liberty Place - 46th Floor Philadelphia, PA 19103 (215) 568-3100</p>				
<p> SIGNATURE</p> <p>Jeffrey J. King, Esq. NAME</p>				
<p>38,515 REGISTRATION NUMBER</p>				

PTO/PCT Rec'd 01 JUL 2002

DOCKET NO.: NIH-0377

PATENT

## IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

**In Re Application of:**

BUCHHOLZ Ursula et al.

U.S. Serial No.: 10/030,951

Intl. Appln. No.: PCT/US00/17755

Group Art Unit: not yet known

Intl. Filing Date: 24 June 2000

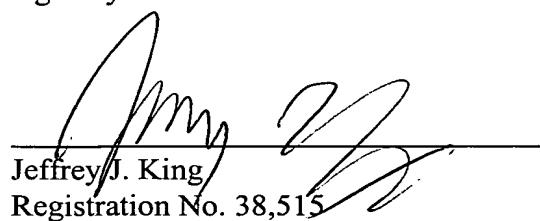
Examiner: not yet assigned

**For:** PRODUCTION OF ATTENUATED HUMAN-BOVINE CHIMERIC  
RESPIRATORY SYNCYTIAL VIRUS VACCINESEXPRESS MAIL Mailing Label No. EL695383065US  
Date of Deposit: JULY 1, 2002**BOX PCT****Commissioner of Patents****United States Patent And Trademark Office****Washington, DC 20231****TRANSMITTAL LETTER SUBMITTING SEQUENCE LISTING**

Applicants submit herewith the Sequence Listing in written (5 sheets) and computer readable form (1 diskette), the contents of which are the same.

The enclosed Sequence Listing does not go beyond the disclosure in the international application as filed.

Date: July 1, 2002



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Registration No. 38,515

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